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**FACSIMILE/TELECOPY COVER SHEET**

DATE: September 13, 2001  
TO: Examiner Brown, Group Art Unit 1648  
COMPANY: USPTO  
FROM: Dianne Casuto  
Patents & Trademarks  
D-377, AP6D-2  
Telephone: (847) 938-3137  
PHONE NUMBER OF TELECOPY MACHINE: 1-703-746-3113  
TOTAL NUMBER OF PAGES (INCLUDING COVER SHEET): 7  
MESSAGE:

**Examiner Brown:** The following documents concern US Serial No. 08/911,824. I understand that you spoke to my colleague, Mimi Goller, who informed you that I faxed an official response (responsive to the Office Action mailed January 31, 2001) to the USPTO on April 26, 2001. Mimi informed me that you haven't been able to find that response in your file. Attached is a copy from our record file. The copy includes the Facsimile Cover Sheet, Transmittal Letter (in duplicate), Response (2 pages), and Facsimile Confirmation Sheet. If you have any questions, please feel free to call me at the number indicated above.

Sincerely,  
Dianne Casuto  
Counsel, Abbott Laboratories  
Reg. No. 40,943

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Patents & Trademarks  
D377/AP6D-2

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## OFFICIAL DOCUMENTS TO USPTO

### FACSIMILE COVER SHEET

DATE: April 26, 2001

To: Examiner B. Nelson  
Group Art Unit 1648

FROM: Dianne Casuto  
Patents and Trademarks  
D-0377, AP6D-2  
Telephone: (847) 938-3137

**FILE COPY**

Fax No.: (703) 308-4426

TOTAL NUMBER OF PAGES (INCLUDING THIS COVER SHEET): - 5 -

#### MESSAGE:

Transmitted herewith for Application Serial No. 08/911,824, please find the following:

1. Transmittal, in duplicate (1 Page)
2. Response (2 Pages)

Thank you.

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**PATENT**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Applicants: Hackett, J.R. *et al.*

Serial No.: 08/911,824

Filed: August 15, 1997

For: NOVEL ANTIGEN CONSTRUCTS  
USEFUL IN THE DETECTION AND  
DIFFERENTIATION OF ANTIBODIES  
TO HIV

Attorney Docket No.: 6165.US.O1

Date: April 26, 2001

Examiner: B. Nelson

Group Art Unit: 1648

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addressed to the following recipient:

Assistant Commissioner for Patents

Attn: Examiner B. Nelson

Group Art Unit: 1648

Washington, D.C. 20231

Recipient Telefax Number: (703) 308-4426

  
Linda L. Powell

April 26, 2001

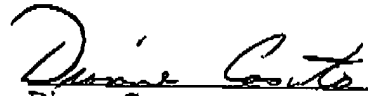
**TRANSMITTAL**Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

Enclosed herewith for the patent application identified above entitled NOVEL  
ANTIGEN CONSTRUCTS USEFUL IN THE DETECTION AND DIFFERENTIATION OF  
ANTIBODIES TO HIV is the following:

## 1. Response

The Commissioner is hereby authorized to charge any additional Filing Fees required  
under 37 CFR § 1.16, as well as any patent application processing fees under 37 CFR § 1.17  
associated with this communication for which full payment had not been tendered, to Deposit  
Account No. 01-0025. A duplicate copy of this sheet is enclosed.

Respectfully submitted,  
Hackett, J.R., *et al.*ABBOTT LABORATORIES  
100 Abbott Park Road  
CHAD 0377/AP6D-2  
Abbott Park, Illinois 60064-6050  
(847) 938-3137 (Telephone)  
(847) 938-2623 (Facsimile)  
Dianne Casuto  
Registration No. 40,943  
Attorney for Applicants

PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICEApplicants: Hackett, J.R. *et al.*

Serial No.: 08/911,824

Filed: August 15, 1997

For: NOVEL ANTIGEN CONSTRUCTS  
USEFUL IN THE DETECTION AND  
DIFFERENTIATION OF ANTIBODIES  
TO HIV

Attorney Docket No.: 6165.US.O1

Date: April 26, 2000

Examiner: B. Nelson

Group Art Unit: 1648

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Assistant Commissioner for Patents

Attn: Examiner B. Nelson

Group Art Unit: 1648

Washington, D.C. 20231

Recipient Telefax Number: (703) 308-4426

Linda L. Powell

April 26, 2001

RESPONSEAssistant Commissioner for Patents  
Washington, D. C. 20231

Dear Sir:

The following is in response to the Office Action mailed January 31, 2001 in the above-identified application. Claims 1 and 2 currently are pending. Claims 3-77 were withdrawn from consideration as being drawn to non-elected inventions.

In the Office Action, the Examiner indicated allowance of claim 1 for which Applicants express their appreciation. The Examiner, however, rejected claim 2 under 35 U.S.C. §112, first paragraph. The Examiner essentially stated that claim 2 recites a "genus" of sequences (encompassing immunoreactive portions of all HIV-1 Group O envelop polypeptides from all species of HIV-1 Group O) due to the language "comprising" in the claim. The Examiner also asserted that this "genus" of sequences is unsupported by the specification as filed and therefore rejected the claim as lacking an adequate written description.

Applicants respectfully traverse the rejection. Applicants submit that claim 2 depends from claim 1 and thus, by necessity, incorporates all the limitations of the parent claim. As a consequence, the "immunoreactive portion" of the polypeptide recited in claim 2 must be derived from an HIV-1 Group O *env* polypeptide consisting essentially of the sequence of FIG. 1 (SEQ ID NO:61). Otherwise stated, claim 2

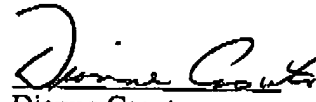
inherently contains the language of claim 1 and does not broaden the claim in a manner, which is unsupported by the specification. Accordingly, Applicants request reconsideration and withdrawal of the 35 U.S.C. §112 rejection.

**Action Requested**

Applicants respectfully submit that claim 2 is in condition for allowance and request passage to issue of the subject application. Should any unresolved issue remain, Applicants respectfully request a personal or telephonic interview to discuss same.

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Respectfully submitted,  
J. R. Hackett *et al.*

  
Dianne Casuto  
Registration No. 40, 943  
Attorney for Applicants

SEP. 13. 2001 1:35PM

NO. 9701 P. 7

P. 1

\* \* \* TRANSMISSION RESULT REPORT ( APR. 26. 2001 9:20AM ) \* \* \*

TTI

DATE	TIME	ADDRESS	MODE	TIME	PAGE	RESULT	PERS. NAME	FILE
APR. 26.	9:19AM	7033088494	G3TES	1'23"	P.	5 OK		7708

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